Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 15 May 2023 until 23:59 on Tuesday 16 May 2023

Forecast Issued on Sunday 14 May 2023 at 16:58

Confidence: High confidence for mostly fine, dry and settled conditions this week, with some chilly nights. Lower confidence in regards to the shower details.

Headline for Monday 15 May 2023: A mixture of sunny spells and well-scattered showers, these could be locally heavy with a low risk of thunder. Windy on the peaks and feeling chilly.

Mountain weather hazards on Monday 15 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	10%	20%	<05%	<05%

Forecast for Monday 15 May 2023

Weather: Dry with clear spells or lengthy clear skies developing overnight. After a chilly start, it will be largely dry with sunny spells during Tuesday morning. However, the clouds will bubble up in the afternoon, which will lead to a mixture of sunny spells and scattered showers. The showers could be locally heavy and possibly thundery at times. However, some places will escape the showers altogether and stay dry throughout the day. Any showers will fade into the evening to leave dry and clear conditions.

Chance of cloud-free hill tops above 600m: 100% throughout, prehaps reducing to 80% in any showers during the afternoon.

Low cloud and visibility: Cloud bases will be above the summits throughout, perhaps lowering slightly in any showers during the afternoon. Visibility will be very good or excellent, with distant hills and peaks clearly visible, temporarily reducing to poor in any heavy showers that develop in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 15 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/21 NW	13/22 NW	15/21 NW	15/22 NW	16/23 NW	14/21 N	11/16 NW	9/16 NW	9/18 NW
300	8/21 NW	7/19 NW	11/22 NW	13/23 NW	12/22 NW	12/23 NW	8/16 NW	5/15 NW	6/15 NW
Valley	7/20 NW	4/16 NW	8/19 NW	11/22 NW	9/19 NW	10/20 NW	7/15 NW	5/14 NW	7/16 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	2/-2	2/-3	5/1	7/3	8/4	7/4	5/2	3/0
300	5/2	4/1	5/1	9/6	11/8	11/8	10/8	6/4	5/2
Valley	6/4	4/3	7/4	10/8	12/10	12/10	10/9	8/6	7/4
Freezing Level*	1000m	900m	900m	900m	1000m	1100m	1200m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be High, therefore, it is advisible to wear sun protection if spending any length of time walking or hiking in the hills or valleys. There will be an added wind chill on the summits, therefore, extra layers are advised for spending any length of time on the summits. Be aware of the potential for any heavy showers developing in the afternoon, which may lead to some wet and slippery surfaces underfoot.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 14 May 2023	0mm	0mm	4.2mm

Forecast for Tuesday 16 May 2023

Weather: Dry with clear skies overnight and feeling chilly. Tuesday morning will be dry with lengthy spells of sunshine, after a chilly start. However, turning increasingly cloudy from the north, although this will break up to give a mixture of sunny spells and scattered showers in the afternoon. Some of the showers are likely to be locally heavy and possibly thundery in places. Any showers fading by the evening, with clear spells developing.

Maximum wind: Northwesterly 15-20 mph, gusting to 25-30mph. Added wind chill on the summits.

Chance of cloud-free hill tops above 600m: 100% throughout, reducing to 60% in any showers during the afternoon.

Low Cloud and visibility: Cloud bases will be mostly above the summits throughout, perhaps a temporary lowering in any heavy showers, probably close to the summits. Visibility should be very good, although temporarily reducing to poor conditions in any heavy showers during the afternoon.

Temperature: **Valleys:** Plus 5 Celsius, becoming Plus 16 Celsius.
At 600m: Plus 1 Celsius, becoming Plus 7 Celsius.
Freezing level: Above the summits.

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